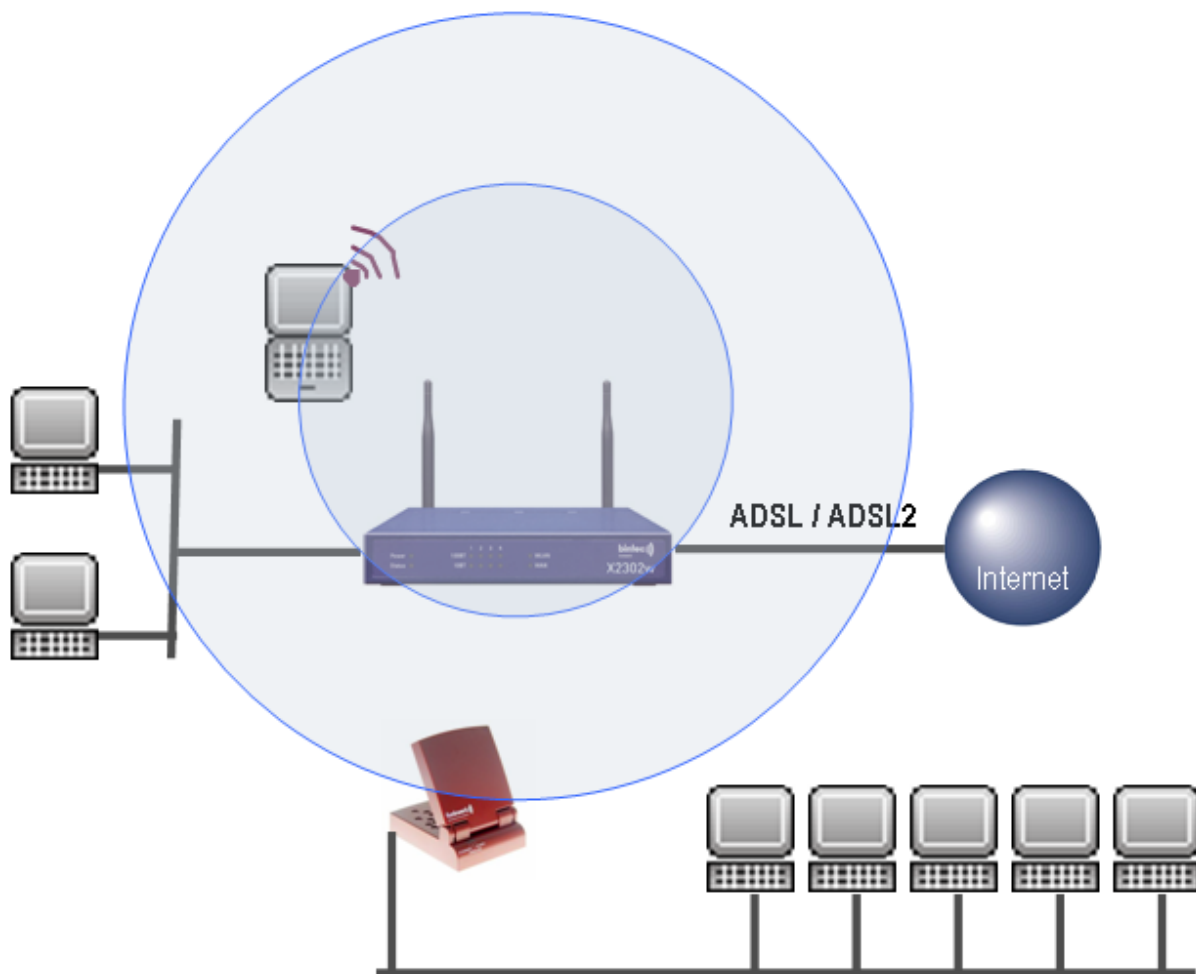


artem Solution—W100:
Connecting Smaller Workgroups to the WLAN



The artem W100 can be used as an Ethernet adapter for both single PCs and complete workgroups. In the above example, we have 4 PCs which are installed in an office. There is no Ethernet cabling leading to the office. Flexible application, for instance on trade fairs, is also a conceivable option.

For this purpose, the W100 is operated in the client mode and the MAC cloning feature is deactivated. Subsequently, up to 32 PCs can be connected behind the W100 by means of a switch or hub. Here, WPA encryption can be applied for wireless transmission. Since the W100 does not transmit broadcasts or multicasts, it has to be checked for this scenario whether the ComPoint Butterfly is the better alternative in this case.